

ABSTRACT

A seat occupant sensor for use in automotive occupant restraint systems. The sensor has a sensing plate cantilevered by a stationary part installed on a vehicle body to be bent upon application of a weight load of an occupant on a seat. The sensor is equipped with a stopper mechanism which works to stop the sensing plate from bending out of a predetermined range in which the sensing plate is allowed to undergo a maximum bending stress within a bending stress limit of the sensing plate, thereby avoiding undesirable deflection or fracture of the sensing plate.